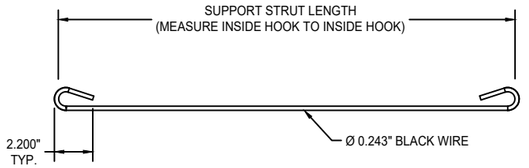
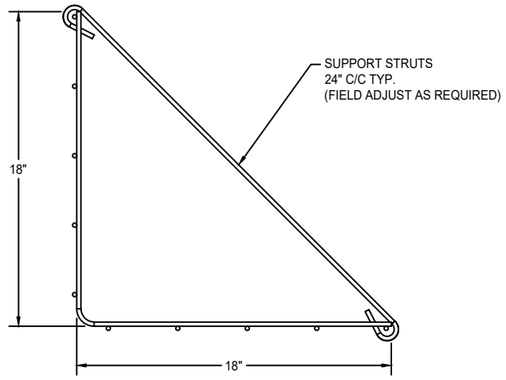
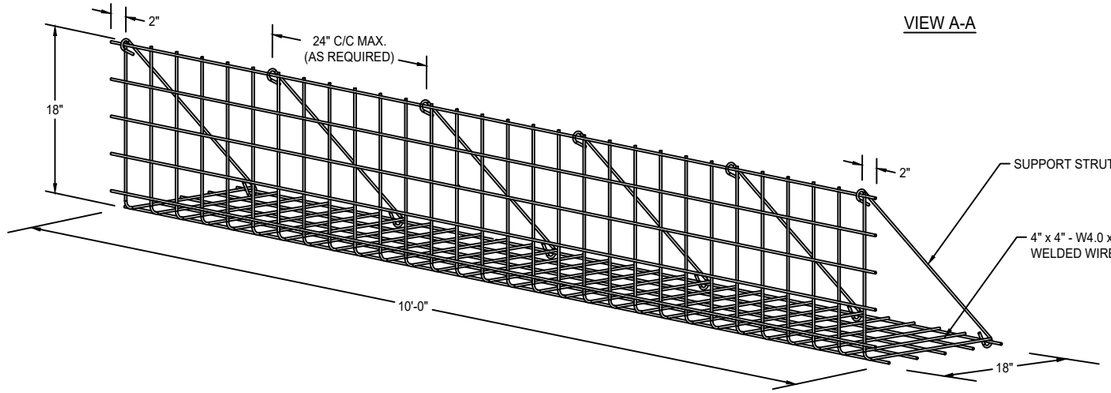


SUPPORT STRUT

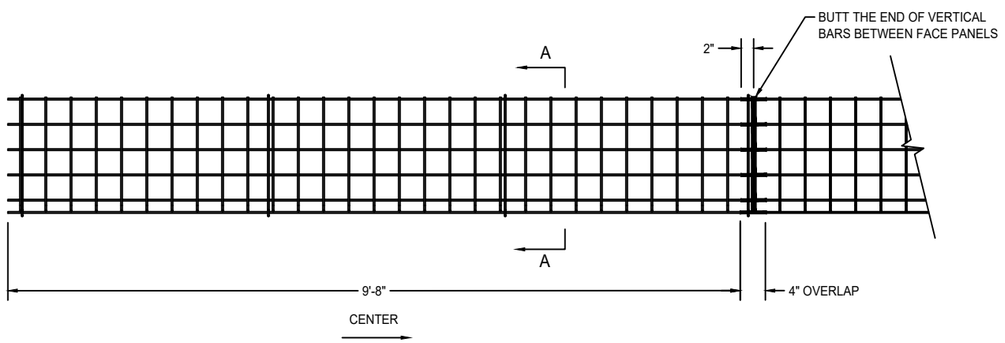


VIEW A-A



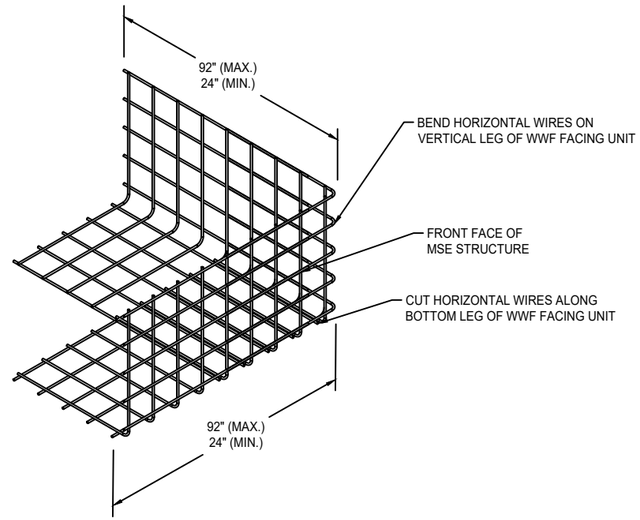
NOTES:

1. FACING TO CONSIST OF PREFABRICATED WWF 4" x 4" - W4.0 x W4.0 FORMS.
2. ALL FORMS AND STRUTS WILL BE FABRICATED WITH BLACK WIRE.
3. OVERALL LENGTH OF WIRE FORMS IS 10'-0". EFFECTIVE CONSTRUCTED WIDTH IS 9'-8" WITH 4" OVERLAPPING AT ENDS.



WELDED WIRE FORM FACING UNIT

NOT TO SCALE

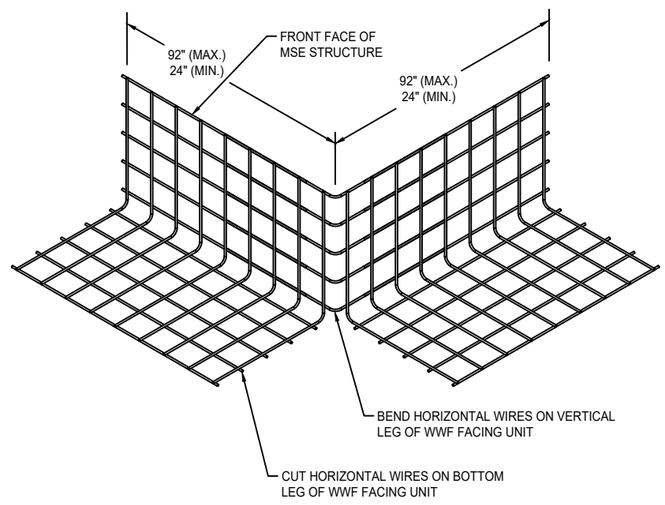


NOTES:

1. MAINTAIN 24" (MIN.) OF WIRE FORM ON EACH SIDE OF BEND.
2. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.

WELDED WIRE FORM OUTSIDE CORNER UNIT

NOT TO SCALE



NOTES:

1. MAINTAIN 24" (MIN.) OF WIRE FORM ON EACH SIDE OF BEND.
2. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.

WELDED WIRE FORM INSIDE CORNER UNIT

NOT TO SCALE

Tensar.
Tensar International Corporation
2500 Northwinds Parkway | Suite 500
Alpharetta, Georgia 30009 | 770-344-2090

PROJECT NAME AND LOCATION

TIC STANDARD DETAILS

----, ----

OWNER

OWNER PROJECT No. ----

CLIENT

TIC PROJECT No. ----

DRAWN BY: O. MARTINEZ

DESIGNED BY: ----

CHECKED BY : R. JOHNSON

ENGINEER OF RECORD (MSE STRUCTURE ONLY):

---- ----

NO.	DATE	DESCRIPTION	BY
0	06/11/20	ISSUED FOR REVIEW	RJ

REVISION / ISSUE

SHEET TITLE

WWF STANDARD DETAILS

SCALE: AS SHOWN

SHEET 1 OF ----

Plotted on: June 11, 2020
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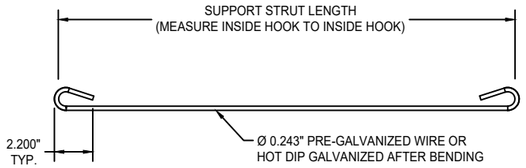
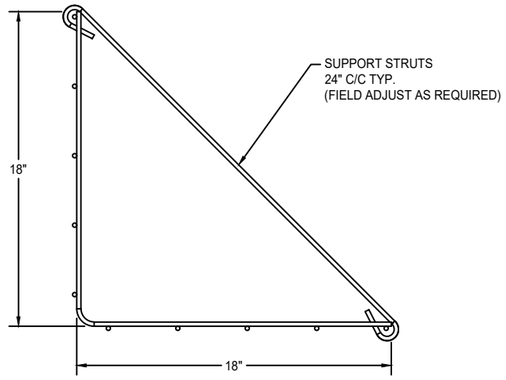
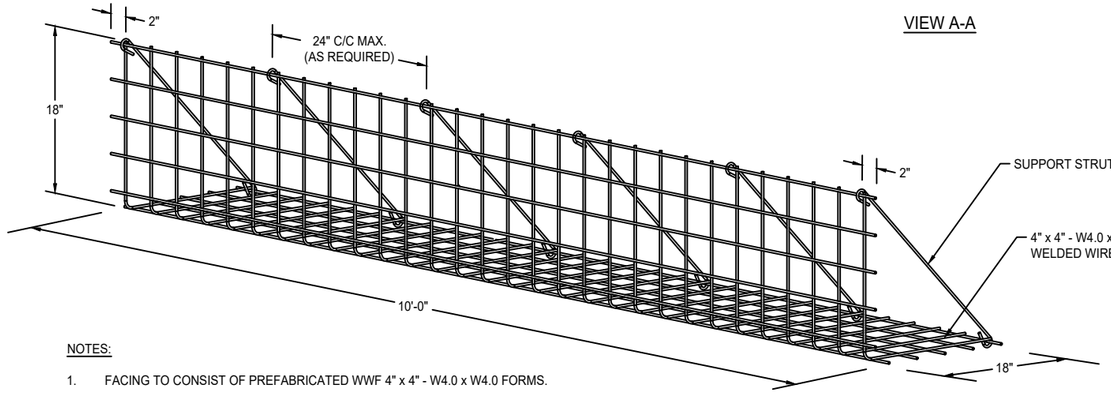


SUPPORT STRUT

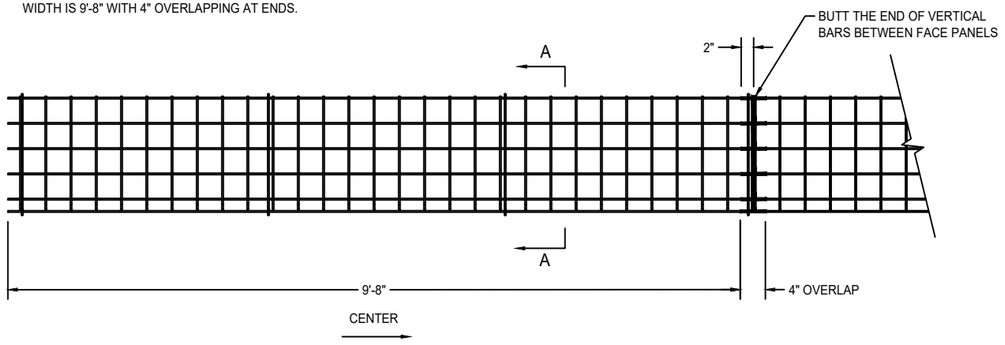


VIEW A-A



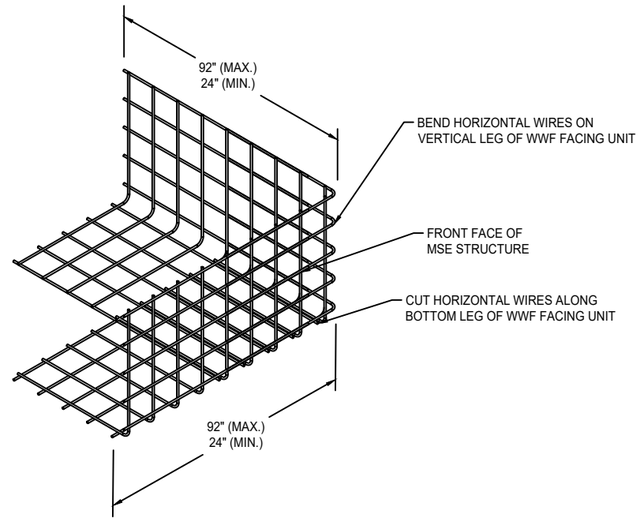
NOTES:

1. FACING TO CONSIST OF PREFABRICATED WWF 4" x 4" - W4.0 x W4.0 FORMS.
2. WWF'S ARE MANUFACTURED OF ASTM A82 (AASHTO M32) STEEL WIRE AND ARE WELDED IN ACCORDANCE WITH ASTM A185 (AASHTO M55).
3. ALL FORMS SHALL BE HOT DIP GALVANIZED AFTER BENDING IN ACCORDANCE WITH ASTM A123 (AASHTO M111).
4. STRUTS ARE MANUFACTURED OF MEDIUM TEMPER PRE-GALVANIZED WIRE, IN ACCORDANCE WITH ASTM A641 OR ARE HOT-DIP GALVANIZED AFTER BENDING IN ACCORDANCE WITH ASTM A153 (AASHTO M232).
5. OVERALL LENGTH OF WIRE FORMS IS 10'-0". EFFECTIVE CONSTRUCTED WIDTH IS 9'-8" WITH 4" OVERLAPPING AT ENDS.



WELDED WIRE FORM FACING UNIT

NOT TO SCALE

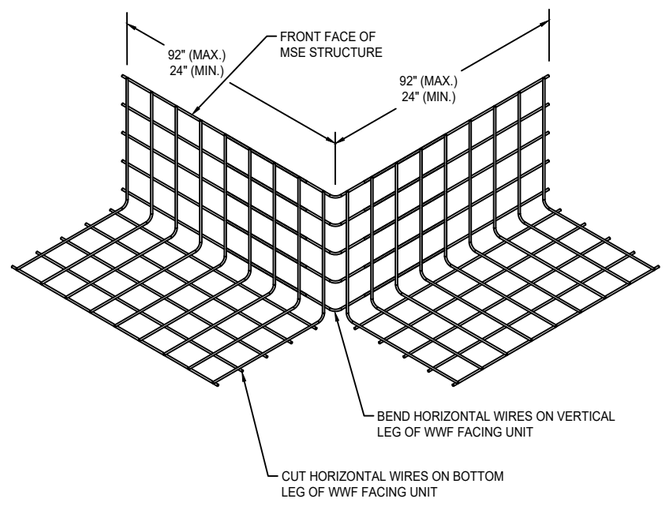


NOTES:

1. MAINTAIN 24" (MIN.) OF WIRE FORM ON EACH SIDE OF BEND.
2. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.

WELDED WIRE FORM OUTSIDE CORNER UNIT

NOT TO SCALE



NOTES:

1. MAINTAIN 24" (MIN.) OF WIRE FORM ON EACH SIDE OF BEND.
2. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.

WELDED WIRE FORM INSIDE CORNER UNIT

NOT TO SCALE

Tensar.
Tensar International Corporation
2500 Northwinds Parkway | Suite 500
Alpharetta, Georgia 30009 | 770-344-2090

PROJECT NAME AND LOCATION

TIC STANDARD DETAILS

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OWNER

OWNER PROJECT No. ----

CLIENT

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DRAWN BY: O. MARTINEZ

DESIGNED BY: ----

CHECKED BY : R. JOHNSON

ENGINEER OF RECORD (MSE STRUCTURE ONLY):

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WWF STANDARD DETAILS

SCALE: AS SHOWN

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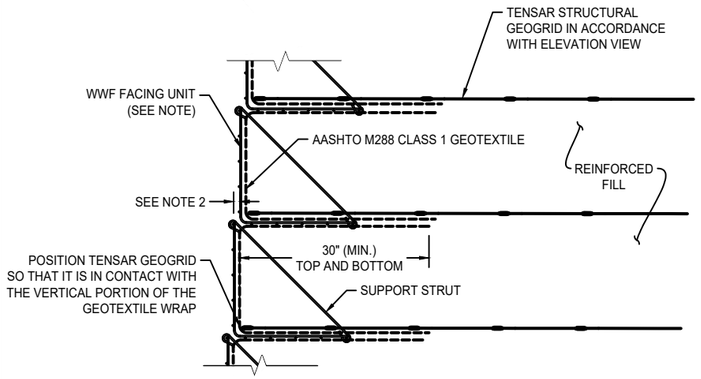


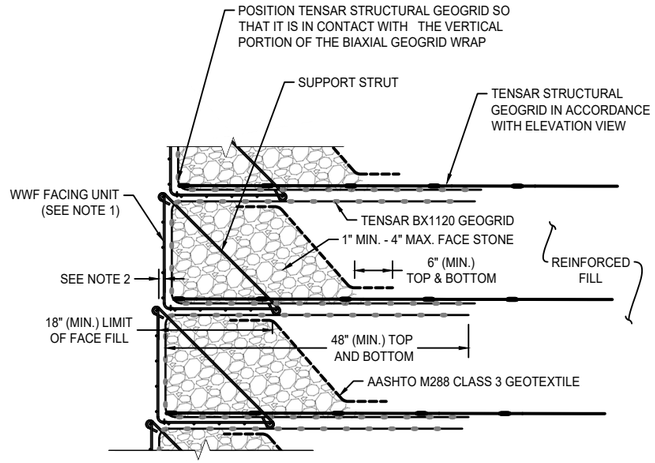
CROSS-SECTION

NOTE:

1. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.
2. OFFSET AS NEEDED TO ACHIEVE OVERALL BATTER AS SHOWN IN THE CROSS-SECTIONS.

TEMPORARY WELDED WIRE FORM FACING DETAIL (GEOTEXTILE WRAP)

NOT TO SCALE



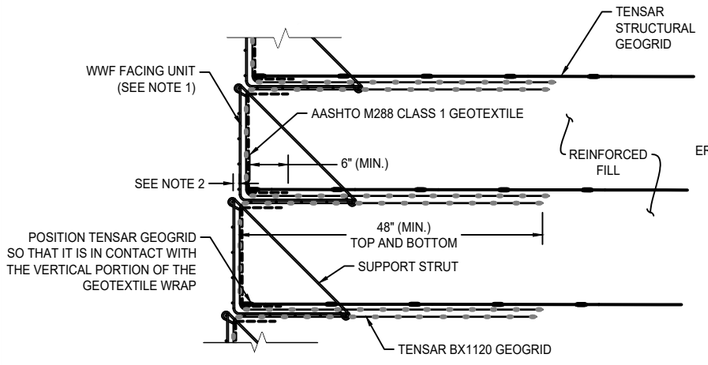
CROSS-SECTION

NOTE:

1. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.
2. OFFSET AS NEEDED TO ACHIEVE OVERALL BATTER AS SHOWN IN THE CROSS-SECTIONS.

PERMANENT WELDED WIRE FORM FACING DETAIL

NOT TO SCALE



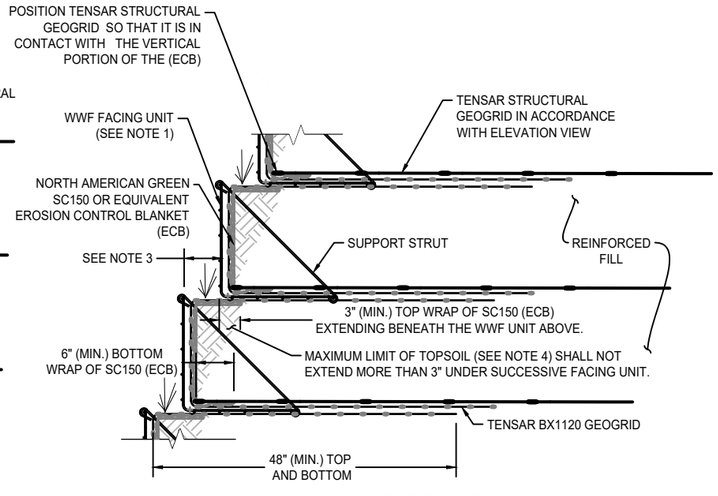
CROSS-SECTION

NOTE:

1. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.
2. OFFSET AS NEEDED TO ACHIEVE OVERALL BATTER AS SHOWN IN THE CROSS-SECTIONS.

TEMPORARY WELDED WIRE FORM FACING DETAIL (BX WRAP)

NOT TO SCALE



NOTES:

CROSS-SECTION

1. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIAL AND DIMENSIONS.
2. ALL FACING UNITS SHALL BE FABRICATED FROM BLACK STEEL.
3. OFFSET VARIES (6" MIN.) AS NEEDED TO ACHIEVE OVERALL BATTER AS SHOWN IN THE CROSS-SECTIONS.
4. TOPSOIL SHALL BE LOAMY SAND OR FINER GRADATION WITH 10% - 15% ORGANIC CONTENT OR MATERIAL APPROVED BY A QUALIFIED LANDSCAPE ARCHITECT. HYDROSEEDING ON TOP OF EROSION CONTROL PRODUCT MAY RESULT IN POOR VEGETATION ESTABLISHMENT. VEGETATION TYPE SHALL BE SPECIFIED BY A QUALIFIED LANDSCAPE ARCHITECT.

WELDED WIRE FORM FACING DETAIL (PLANTABLE FACE FILL)

NOT TO SCALE

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Tensar International Corporation
2500 Northwinds Parkway | Suite 500
Alpharetta, Georgia 30009 | 770-344-2090

PROJECT NAME AND LOCATION

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DRAWN BY: O. MARTINEZ
DESIGNED BY: ----
CHECKED BY : R. JOHNSON
ENGINEER OF RECORD (MSE STRUCTURE ONLY):
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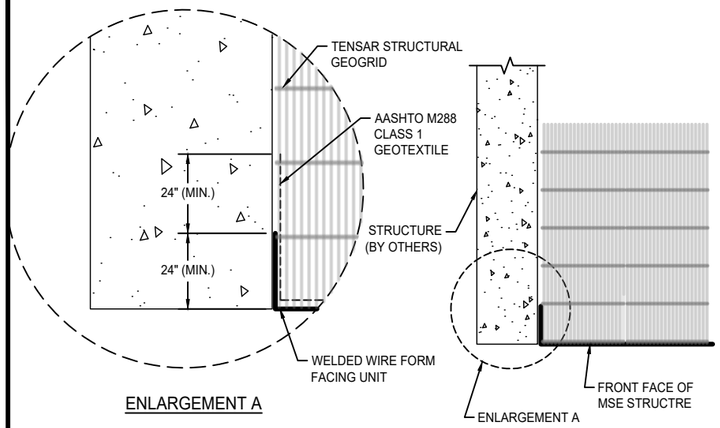
WWF STANDARD DETAILS

SCALE: AS SHOWN



ENLARGEMENT A

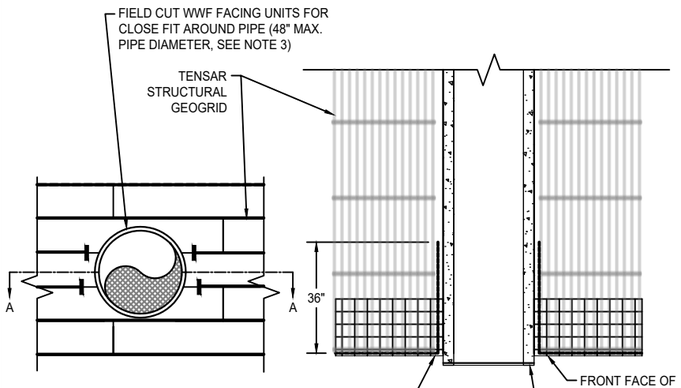
PLAN VIEW

NOTES:

1. EXTEND GEOGRID AND TRIM AT FACE OF STRUCTURE.
2. BEND AND EXTEND WELDED WIRE FACING UNIT BACK 2.0' (MIN.) ALONG FACE OF STRUCTURE. EXTEND GEOTEXTILE AND BIAXIAL GEOGRID 2.0' (MIN.) ALONG FACE OF STRUCTURE PAST THE WELDED WIRE FACE EXTENSION.
3. SUPPORT STRUTS AND BIAXIAL GEOGRID NOT SHOWN FOR CLARITY.

WELDED WIRE FORM WALL TRANSITION AT STRUCTURE

NOT TO SCALE



ELEVATION VIEW

SECTION A-A

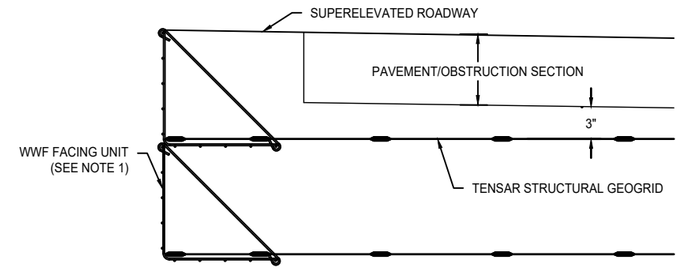
NOTES:

1. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIALS AND DIMENSIONS.
2. SEE ELEVATION VIEW FOR GEOGRID TYPE, LOCATION, AND DIMENSIONS.
3. TERMINATE GEOGRIDS NO MORE THAN 3" FROM PIPE.
4. CONTRACTOR RESPONSIBLE TO INSTALL PIPE WITH LEAK-PROOF JOINTS.

PIPE PENETRATION DETAIL AT WWF WALL FACE

NOT TO SCALE

HORIZONTAL PAVEMENT/OBSTRUCTION STRUCTURE



SUPERELEVATED PAVEMENT/OBSTRUCTION STRUCTURE

NOTES:

1. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIALS AND DIMENSIONS.
2. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PLACEMENT OF THE GEOGRID TO AVOID CONFLICT WITH THE CONTRACT PAVEMENT/OBSTRUCTION SECTION. GEOGRID MUST BE SEPARATED FROM THE PAVEMENT/OBSTRUCTION SECTION BY A MINIMUM OF 3".

GEOGRID PLACEMENT AT PAVEMENT/OBSTRUCTION SECTION

NOT TO SCALE

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2500 Northwinds Parkway | Suite 500
Alpharetta, Georgia 30009 | 770-344-2090

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DESIGNED BY: ----
CHECKED BY : R. JOHNSON
ENGINEER OF RECORD (MSE STRUCTURE ONLY):
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WWF STANDARD DETAILS

SCALE: AS SHOWN

SHEET 4 OF ----

Plotted on: June 11, 2020
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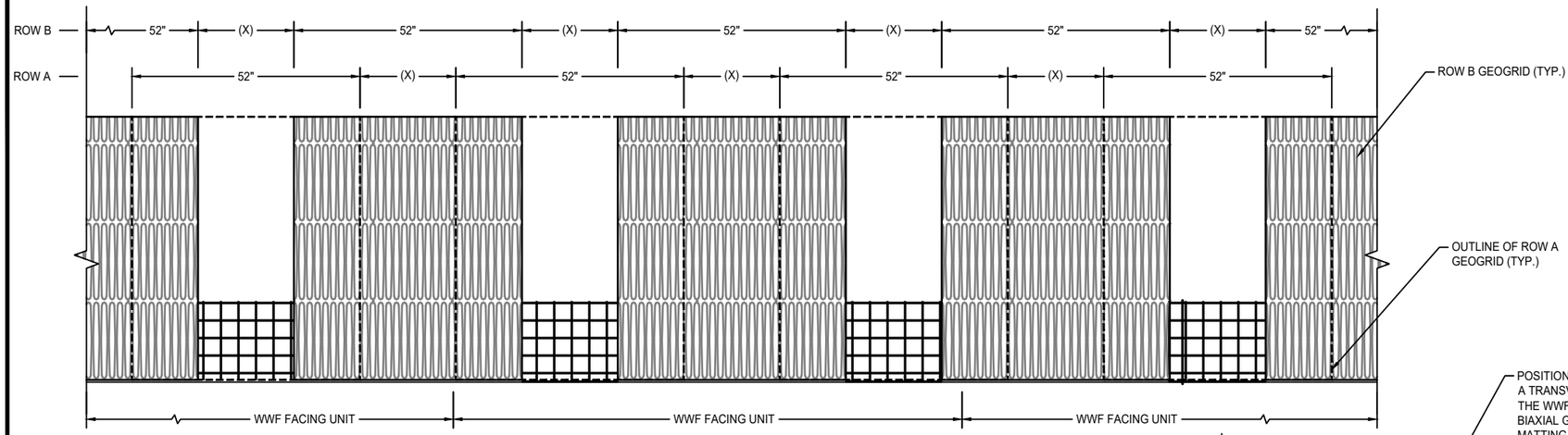
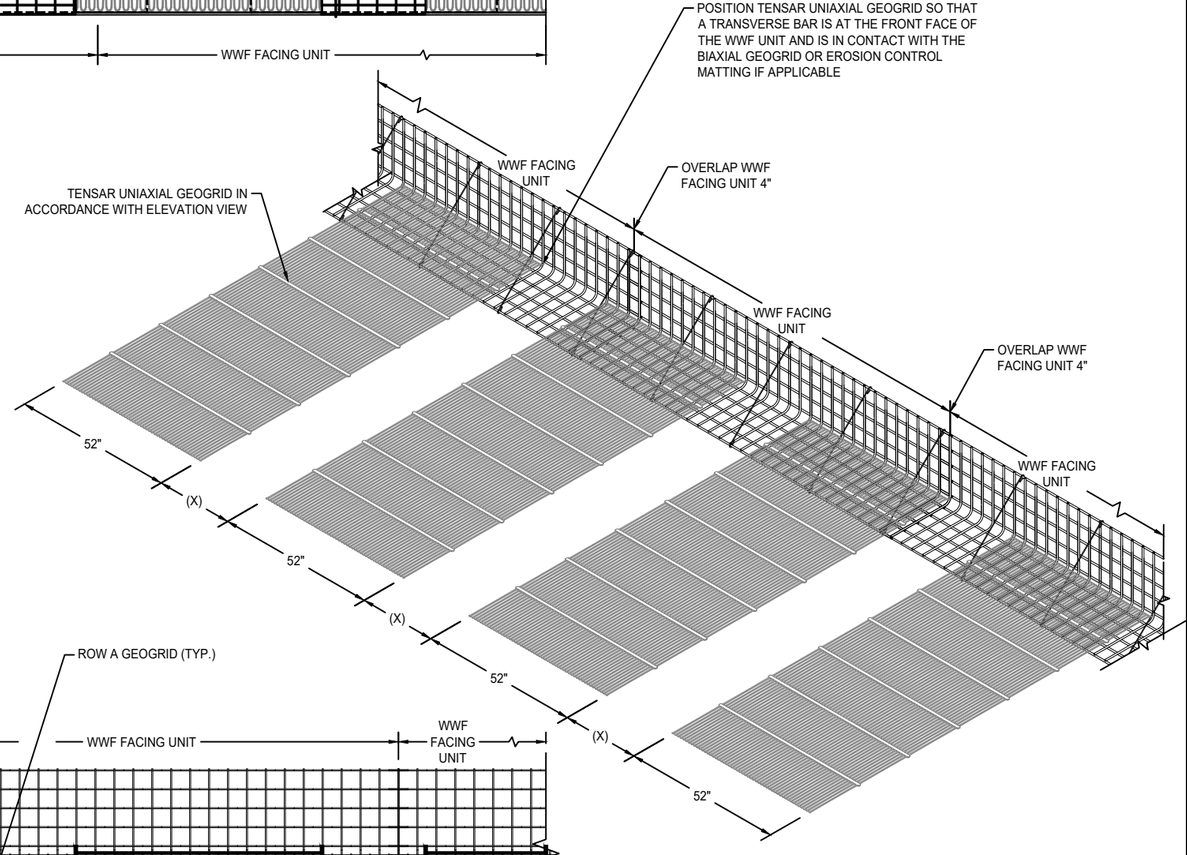


PARTIAL PLAN VIEW

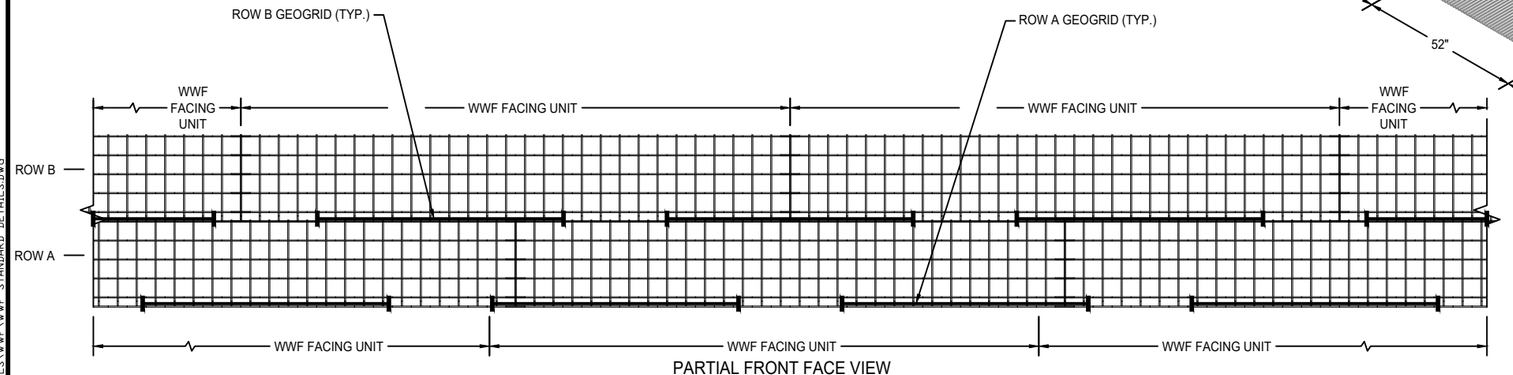
NOTES:

1. SEE WELDED WIRE FORM (WWF) FACING UNIT DETAIL FOR FACING MATERIALS AND DIMENSIONS.MATERIALS SUCH AS BIAXIAL GEOGRID OR EROSION CONTROL MATTING NOT SHOWN FOR CLARITY.
2. INSTALL ADJACENT WWF FACING UNITS TO PROVIDE 4" OVERLAP OF HORIZONTAL WIRES.
3. GEOGRID GAPS DENOTED BY 'X' SHALL BE CENTERED OVER THE CENTERLINE OF A GEOGRID ROLL WIDTH IN THE LAYER BELOW.
4. WHEN WALL LAYOUT INCLUDES A CORNER/TURN , FULL GEOGRID COVERAGE IS REQUIRED. REFER TO ELEVATION VIEW FOR LIMITS OF FULL GEOGRID COVERAGE.

PERCENT COVERAGE	X
100	0"
74	18"
56	40"



PARTIAL ISOMETRIC VIEW OF ROW A
(ROW B SIMILAR)



PARTIAL FRONT FACE VIEW

TYPICAL WELDED WIRE FORM (GEOGRID COVERAGE DETAIL)

NOT TO SCALE

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Tensar International Corporation
2500 Northwinds Parkway | Suite 500
Alpharetta, Georgia 30009 | 770-344-2090

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WWF STANDARD DETAILS

SCALE: AS SHOWN

SHEET 5 OF ----

Plotted on: June 11, 2020
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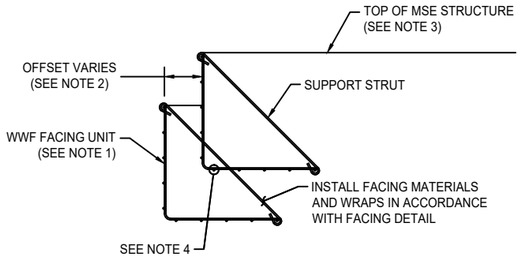
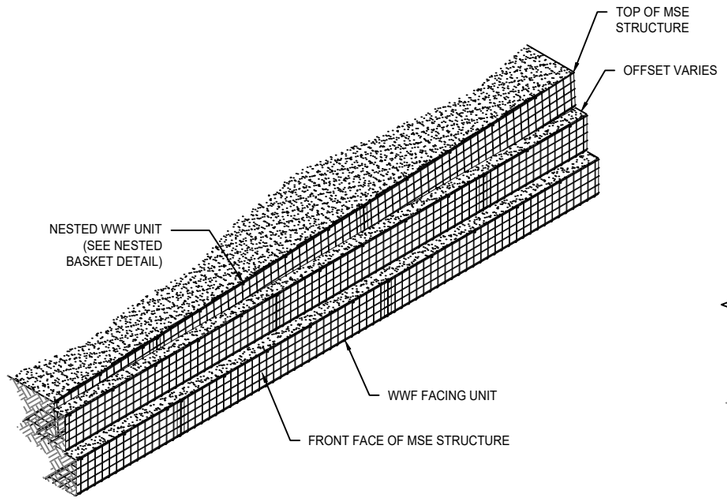


NOTES:

1. SEE WELDED WIRE FORM (WWF) FACING DETAIL FOR FACING MATERIALS AND DIMENSIONS.
2. OFFSET AS NEEDED TO ACHIEVE OVERALL BATTER AS SHOWN IN THE CROSS-SECTIONS.
3. SET TOPMOST WWF FACING UNIT INSIDE WWF FACING UNIT BELOW TO FOLLOW GRADE.
4. HOIZONTAL WIRES OF TOPMOST WWF FACING UNIT MAY BE CUT TO ALLOW INSTALLATION OVER STRUTS OF WWF FACING UNIT BELOW.

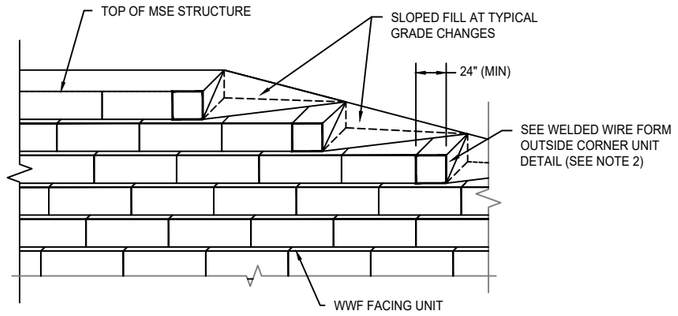
NESTED BASKET DETAIL (OFFSET)

NOT TO SCALE



ISOMETRIC VIEW - NESTED BASKET AT TOP OF MSE STRUCTURE DETAIL (OFFSET)

NOT TO SCALE

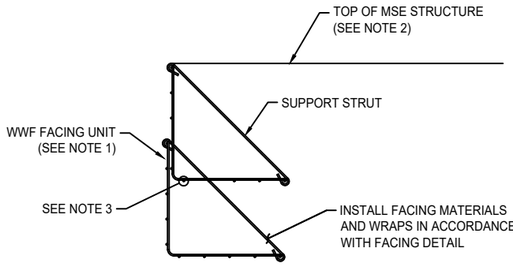


NOTES:

1. SEE WELDED WIRE FORM (WWF) FACING DETAIL AND WWF OUTSIDE CORNER UNIT DETAIL FOR FACING MATERIALS AND DIMENSIONS.
2. BEND BASKET 90° PER OUTSIDE CORNER UNIT DETAIL AT STEPS TO ENSURE REINFORCED FILL IS CONTAINED.

TOP OF MSE STRUCTURE FINISHING DETAIL (OFFSET)

NOT TO SCALE

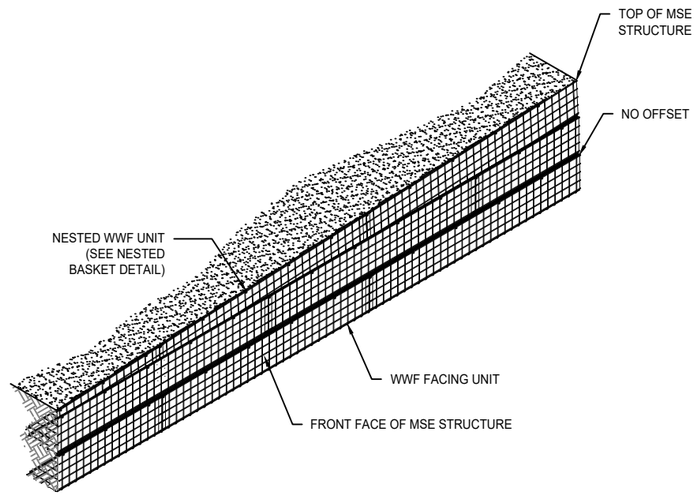


NOTES:

1. SEE WELDED WIRE FORM (WWF) FACING DETAIL FOR FACING MATERIALS AND DIMENSIONS.
2. SET TOPMOST WWF FACING UNIT INSIDE WWF FACING UNIT BELOW TO FOLLOW GRADE.
3. HORIZONTAL WIRES OF TOPMOST WWF FACING UNIT MAY BE CUT TO ALLOW INSTALLATION OVER STRUTS OF WWF FACING UNIT BELOW.

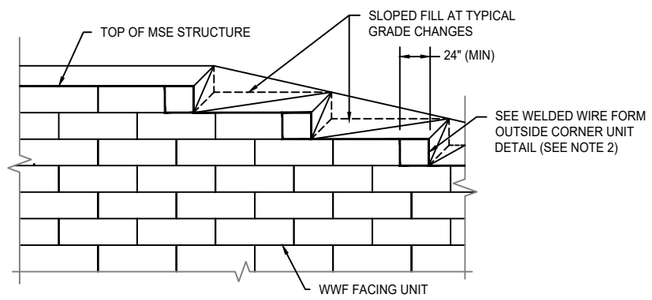
NESTED BASKET DETAIL (NO OFFSET)

NOT TO SCALE



ISOMETRIC VIEW - NESTED BASKET AT TOP OF MSE STRUCTURE DETAIL (NO OFFSET)

NOT TO SCALE



NOTES:

1. SEE WELDED WIRE FORM (WWF) FACING DETAIL AND WWF OUTSIDE CORNER UNIT DETAIL FOR FACING MATERIALS AND DIMENSIONS.
2. BEND BASKET 90° PER OUTSIDE CORNER UNIT DETAIL AT STEPS TO ENSURE REINFORCED FILL IS CONTAINED.

TOP OF MSE STRUCTURE FINISHING DETAIL (NO OFFSET)

NOT TO SCALE

Tensar.
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DESIGNED BY: ----

CHECKED BY : R. JOHNSON

ENGINEER OF RECORD (MSE STRUCTURE ONLY):

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WWF STANDARD DETAILS

SCALE: AS SHOWN

SHEET 6 OF ----

Plotted on: June 11, 2020
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ASP Enterprises | Bowman Construction Supply Inc. | Quick Supply Co. | Cascade GEOSYNTHETICS

LOCATIONS & CONTACT INFO

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salesasp@aspent.com

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316.393.1554

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Portland, OR
971.339.1020

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- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL
Inlet Protection
- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks
- Triangle Silt Dike
- GeoRidge

Perimeter Protection
- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment
- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers
Dewatering Bags
Trackout Control
- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL
Basic Hydraulically Applied Mulches
- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically Applied Products
- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets
- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets
- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs
- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment
- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT
Water Quality
- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity
- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage
- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures
- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers
- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY
Natural & Synthetic Coir Fiber Logs
Vegetated Reinforced Soil Slopes
Soil Anchors
Root Barrier System
AquaBlok
Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS